



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/607,842	06/27/2003	Oliver H. Fochr	Z2002-702319	8471
77991 7590 12/09/2008 Lowrie, Lando & Anastasi, LLP Z2002 One Main Street Suite 1100 Cambridge, MA 02142				
EXAMINER				
MILLA, MARK R				
ART UNIT		PAPER NUMBER		
2625				
NOTIFICATION DATE		DELIVERY MODE		
12/09/2008		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ll-a.com
gengelso@ll-a.com

Office Action Summary

Application No.

10/607,842

Applicant(s)

FOEHR ET AL.

Examiner

Mark R. Milia

Art Unit

2625

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 August 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 August 2008 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-8508)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____
- Paper No(s)/Mail Date _____

DETAILED ACTION

Response to Amendment

1. Applicant's amendment was received on 8/14/08 and has been entered and made of record. Currently, claims 1-6 are pending.

Drawings

2. Applicant's amendment to Fig. 1B has overcome the objection set forth in the previous Office Action. Therefore the objection has been withdrawn.
3. The drawings were received on 8/14/08. These drawings are accepted.

Response to Arguments

4. Applicant's arguments with respect to claims 1 and 6 have been considered but are moot in view of the current amendment to the claims and therefore new ground(s) of rejection will be made.

Claim Rejections - 35 USC § 102

5. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

6. Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,831,752 to Matsuo.

Regarding claims 1 and 6, Matsuo discloses a method and computer software, residing on a computer-readable storage medium, for customizing a standard user interface associated with a universal printer driver comprising the steps of: associating each item of a first plurality of items of a standard user interface data structure with a respective first object of a first plurality of first objects, each first object of the first plurality of first objects having a first object interface (see Figs. 7-10 and column 3 lines 2-11 and 19-24, standard user interface is the interface displayed to the user prior to the user making any changes/modifications/customizations, the plurality of items being such things as paper size, pages per sheet, orientation, etc., which are part of the object paper), associating each item of a second plurality of items of a customized user interface to with a respective second object of a second plurality of second objects, each second object of the second plurality of second objects having a second object interface (see Figs. 7-10 and column 3 lines 2-11 and 19-24, customized user interface is the interface displayed to the user after the user makes changes/modifications, the plurality of items being such things as paper size, pages per sheet, orientation, etc., which are part of the object paper), linking each respective first object of the first

plurality of first objects to a respective second object of the second plurality of second objects through a software interface, the software interface facilitating communication between the each respective first and second object that are linked together by linking the first object interface of the respective first object to the second object interface of the respective second object (see column 4 lines 51-62 and column 4 lines 1-21, reference states that a user can change a variety of settings and save such settings, thereby having a plurality of sets of settings for one device utilizing only one device driver, the user interfaces that are displayed to the user, whether it is the standard user interface of the customized user interface utilize the same device driver therefore the objects are linked because the same device driver is used to perform printing, based on the settings of either the standard user interface or customized user interface), setting a parameter of each respective item of the first plurality of items of the standard user interface data structure to a value that hides the respective item from view of a user (see column 3 lines 50-54 and column 5 lines 2-6), and displaying the customized user interface (see Figs. 7-10).

Regarding claim 2, Matsuo further discloses wherein the step of displaying comprises accessing a definition file, the definition file comprising information related to the customized user interface (see Figs. 12 and 14, column 3 lines 2-11 and 19-24, column 4 lines 1-4, and column 6 lines 38-50, reference shows that a user can change the screen configuration and the items that are to be displayed, which is analogous to a definition file).

Regarding claim 3, Matsuo further discloses wherein the information related to the customized user interface comprises at least one additional item compatible with the standard user interface structure (see column 3 lines 2-24, reference states certain settings rarely change, such as port settings).

Regarding claim 4, Matsuo further discloses the step of filtering at least one item of the standard user interface data structure prior to the displaying step (see column 3 lines 50-54 and column 5 lines 2-6).

Regarding claim 5, Matsuo further discloses wherein the filtering step comprises writing to a file, the file comprising data related to a state of at least one constant, the state of the at least one constant being determinative of inclusion in the standard user interface data structure (see column 3 lines 12-18, constants are things such as port settings and share settings that rarely change).

Conclusion

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571)272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached at (571) 272-7437. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mark R. Milia
Examiner
Art Unit 2625

Application/Control Number: 10/607,842
Art Unit: 2625

Page 7

/Mark R. Milia/
Examiner, Art Unit 2625

/David K Moore/
Supervisory Patent Examiner, Art Unit 2625